

Serial No.: 10/550,363
Group Art Unit No.: 1649

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

What is claimed is:

1-7. (Cancelled)

8. (Currently Amended) ~~A method according to claim 7 wherein the altered anti-MAG antibody or functional fragment thereof~~ A method of promoting oligodendrocyte survival in a human suffering from stroke, which comprises administering to said human a therapeutically effective amount of an altered anti-myelin associated glycoprotein (anti-MAG) antibody or functional fragment thereof, wherein the altered antibody or functional fragment thereof binds to MAG and comprises:

a heavy chain variable domain (V_H) which comprises in sequence hypervariable regions CDRH1 (SEQ ID NO: 4), CDRH2 (SEQ ID NO: 5), and CDRH3 (SEQ ID NO: 6)

and

a light chain variable domain (V_L) which comprises in sequence hypervariable regions CDRL1 (SEQ ID NO: 1), CDRL2 (SEQ ID NO: 2), and CDRL3 (SEQ ID NO: 3).

9. (Currently Amended) A method according to claim 8, wherein the altered anti-MAG antibody or functional fragment thereof comprises at least one variable domain selected from the group consisting of: a heavy chain with an amino acid sequence of SEQ ID NO: 7, a heavy chain with an amino acid sequence of SEQ ID NO: 9, and a light chain with an amino acid sequence of SEQ ID NO: 8.

10. (Currently Amended) A method according to claim 8, wherein the altered anti-MAG antibody or functional fragment thereof comprises at least one heavy chain variable region selected from the group consisting of: SEQ ID NO: 10, SEQ ID NO: 11, SEQ ID NO: 12, and SEQ ID NO: 13 and a light chain variable region selected from the group consisting of: SEQ ID NO: 14, SEQ ID NO: 15, SEQ ID NO: 16, and SEQ ID NO: 17.

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11. (Currently Amended) A method according to claim 10₁ wherein the altered anti-MAG antibody or functional fragment thereof comprises a heavy chain variable region comprising SEQ ID NO: 10 and a light chain variable region comprising a sequence selected from the group consisting of: SEQ ID NO: 14, SEQ ID NO: 15, SEQ ID NO: 16, and SEQ ID NO: 17.
12. (Currently Amended) A method according to claim 10₁ wherein the altered anti-MAG antibody or functional fragment thereof comprises a heavy chain variable region comprising SEQ ID NO: 11 and a light chain variable region comprising a sequence selected from the group consisting of: SEQ ID NO: 14, SEQ ID NO: 15, SEQ ID NO: 16, and SEQ ID NO: 17.
13. (Currently Amended) A method according to claim 10 wherein the altered anti-MAG antibody or functional fragment thereof comprises a heavy chain variable region comprising SEQ ID NO: 12 and a light chain variable region comprising a sequence selected from the group consisting of: SEQ ID NO: 14, SEQ ID NO: 15, SEQ ID NO: 16, and SEQ ID NO: 17.
14. (Currently Amended) A method according to claim 10 wherein the altered anti-MAG antibody is a humanized antibody and comprises:
 - (a) a heavy chain variable ~~fragment~~region comprising a sequence selected from the group consisting of: SEQ ID NO: 10, SEQ ID NO: 11, [[or]]and SEQ ID NO: 12,
 - (b) a constant part of a human heavy chain or fragment thereof,
 - (c) a light chain variable ~~fragment~~region comprising a sequence selected from the group consisting of: SEQ ID NO: 14, SEQ ID NO: 15, SEQ ID NO: 16, [[or]]and SEQ ID NO: 17₁ and
 - (d) a constant part of a human light chain.
15. (Currently Amended) A method according to claim 14₁ wherein the humanized antibody is class IgG.
16. (Currently Amended) A method according to claim 15₁ wherein the humanized antibody is class IgG1.

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17-19. (Cancelled)